Response to Office Action Mailed 07/12/2007

Serial No. 10/537,937

Examiner: Ferguson, Michael P.

VAL 204 P2 - WDE 0555

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the

application:

Listing of Claims:

1. (Currently Amended) A ball pin comprising a ball and a pin connected to the ball,

characterized in that the said ball is provided with comprising a recess on its side facing

away from the pin, the diameter of said recess corresponding approximately having a

recess diameter that is substantially the same as a to a diameter of the pin of said ball pin.

2. (Currently Amended) The ball pin according to claim 1, characterized in that the

wherein said pin is provided with comprises knurling so that it can be pressed into a recess

of a said second ball pin without any play.

3. (Currently Amended) A ball joint comprising a ball pin according to claim 1,

characterized in that there is wherein said ball pin comprises a ball cup made of plastic

which is injected into a connecting part.

4. (Currently Amended) The ball joint according to claim 3, characterized in that

thewherein said ball comprises a ball cup is injected onto the ball.

5. (Currently Amended) The ball joint according claim 3, characterized in that there

iswherein said ball joint comprises a seal which acts upon the ball cup.

6. (Currently Amended) The ball joint according to claim 5, characterized in that the

wherein said ball cup has comprises a groove in which the seal is arranged.

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7. (Currently Amended) The ball joint according to claim 1, characterized in that the 5, wherein said seal has comprises an anchoring section which is arranged in the recess and

a circular or annular sealing section which bears against the ball cup.

8. (Currently Amended) The ball joint according to claim 3, characterized in that there is

wherein said ball joint comprises a stop which is situated in the recess and defines a

maximum possible movement of the ball cup relative to the ball.

9. (Currently Amended) The ball joint according to Claim 8, characterized in that the

wherein said stop is made in one piece with the ball cup.

10. (Currently Amended) Assembly consisting of two ball joints according to claim 3,

characterized in that awherein the pin of said ball pin is fitted into a recess of a ball of a

second another ball pin.

11. (Currently Amended) A ball pin system comprising:

a first ball; and

a first pin integrally formed in said first ball;

said first ball comprising a first recess situated generally opposite said first pin, said

first recess being adapted to receive a second pin integrally formed in a second ballsaid first

recess having a recess dimension and said first pin having a pin dimension, said pin

dimension being at least as large as the recess dimension.

12. (Currently Amended) The ball pin system as recited in claim 11, wherein said second

pin is knurled and press-fit into said first recess.

13. (Currently Amended) The ball pin system as recited in claim 11. wherein said first

recess comprises a depth that is approximately three quarters the length of said first ball.

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14. (Currently Amended) The ball pin system as recited in claim 11, wherein said ball pin

system comprises said second ball having a second ball and said having a second pin

integrally formed in said second ball and mounted into said recess.

15. (Currently Amended) The ball pin system as recited in claim 14, wherein said second

ball comprises a second recess situated generally opposite said second pin; said first and

second balls and said first and second recesses being generally co-axial when said second

ball is mounted onto said first ball.

16. (Currently Amended) The ball pin system as recited in claim 11, wherein said first

ball comprises a ball cup is molded onto said first ball thereto.

17. (Currently Amended) The ball pin system as recited in claim 16, wherein a said ball

cup comprises a stop that is received in said second recess to facilitate limiting a rotation of

a rod coupled to said first ball cup.

18. (Currently Amended) The ball pin system as recited in claim 14, wherein said second

ball comprises a ball cup is molded onto said second ball, said a ball cup comprising a stop

that is received in said second recess to facilitate limiting a rotation of a rod coupled to said

ball cup.

19. (Currently Amended) The ball pin system as recited in claim 14, wherein said first

ball comprises a first diameter and said second ball comprises a second diameter, said first

and second diameters being the same.

20. (Currently Amended) The ball pin system as recited in claim 14, wherein said first

ball comprises a first diameter and said second ball comprises a second diameter, said first

and second diameters being different.

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- 21. (Currently Amended) The ball pin system as recited in claim 20, wherein said second diameter is smaller than said first diameter.
- 22. (Currently Amended) The ball pin system as recited in claim 14, wherein said first recess comprises a recess diameter that and said second pin comprises a pin diameter that generally corresponds to said recess diameter in order to enable a ball pin system comprises a second ball comprising a second ball pin having a second pin dimension, said second pin dimension being substantially the same as the recess dimension so that said second pin may be press fit of said second pin into said first recess.